

Fluor Federal Services

MONTHLY SELF-CONTAINED BREATHING APPARATUS (SCBA) INSPECTION

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Author's Summary of Revision:

1. Replaced FDNW with FFS.
2. Reformatted using the current FFS practice template.
3. Performed general, minor edits.

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PURPOSE	This practice identifies a key aspect of the Industrial Hygiene (IH) program, and provides instruction for conducting monthly inspections of self-contained breathing apparatus (SCBA). This practice supplements practice 134.653.3008, Respiratory Protection.
SCOPE	<p>This practice applies to SCBAs used for emergency purposes.</p> <p>The requirements of this practice are consistent with the requirements published in the Fluor Signature Services Accident Prevention Standards (APS).</p>
APPLICATION	This practice applies to work activities and personnel under the control of FFS and its subcontractors.
GENERAL REQUIREMENTS	<p>Personnel should always exercise the appropriate level of caution when handling compressed air cylinders.</p> <p>SCBA units are relatively complex respirators and are handled with care.</p> <p>Appropriate documentation is completed after each inspection is completed.</p> <p>Cylinders that indicate exposure to high heat or flame (paint turned brown or black, decals charred or missing, gauge lens melted or elastomeric bumper distorted) are removed and returned to the vendor.</p>
Area Construction Manager	Assign project personnel to complete and document monthly SCBA inspections.
SCBA Inspector	<p>Visually inspect the complete respirator for worn or aging rubber parts, worn or frayed harness webbing, or damaged components.</p> <p>Check the latest cylinder hydrostatic test date to ensure it is current (within 3 years for composite cylinders). If the test date is greater than 3 years, immediately replace the cylinder with a new cylinder and return the expired cylinder to the vendor.</p> <p>Visually inspect cylinder for dents or gouges in metal or in fiberglass wrapping.</p> <p>Check if cylinder pressure gauge indicates “full.”</p> <p>Note!!! The only exception to the following step is for training purposes in nonhazardous, nonradiological conditions.</p> <p>If the cylinder pressure is less than “full,” replace it with a fully charged cylinder.</p> <p>Verify the reducer high pressure hose coupling at the cylinder valve outlet is hand tightened.</p> <p>Verify the breathing regulator (red) purge knob is closed (full clockwise and pointer on knob upward).</p> <p>Complete a Record of Maintenance Card. Maintain the Record of Maintenance Card for a 2-year period.</p>

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REFERENCES

Safety

Practice 134.653.3008:

Respiratory Protection